# AVAILABILITY OF THE PUBLISHING COMPANY, INC. JUNE 13, 1944



Giant Superfortnesses bomb Japan: B-29% like this, capable of carrying the heaviest bomb load, faster, farther and higher than any other military aircraft, attacked Japan last week. Pictures and details on the new superbomber, sole weapon of the newly created U. S. Global Air Force, were released simultaneously with the War Department's announcement of the raid on Japan.

CAB Plan May Clear Way for U. S. in World Air Trade

Rising Costs Offset 15% Gain in Airline Revenues
Income for first half of 1944 expected to exceed
666 million, reflecting increase in planes and new
traffic records set for period.........Page 35

#### Northeast, Eastern Get New York-Boston Permits CAB decision establishes parallel competition

with American and permits TWA and United Air Lines to enter Boston from West...........Page 37

#### Artillery Works Out New Lightplane Specifications

#### ACCA Group Offers Broad Port Planning Program



Fanned to fury by the terrific slipstream, a rector fire was the toughest for a flyer could meet. Now it's been conquered—by the fire letting power of the Kidde Built-in Extinguishian System.

Here's how it works: At the first sign of fire, pilot pulls a handle, sends earhon disorde gas from Kidde critislers to flood the engine compartment and snuff out the blaze. Elapsed

Goses-under-pressurer, stored in lightweight Kidde cylinders, see doing many jobs that will hasten the arrival of the Ago of Flight. If you have a peablem in this field, our Research and Development Department may have the solution. Denn as Intel



#### Washington Observer

PRODUCTS NPLST—the deliterate conjugaces to conjugace to construct the confusion, there is now find of concept between the confusion that the confusion of the confusion terms of the c

what is simulation sometic of the in received measurements have been converted and up at not network, the fature probability will be raised to 10 km of the control of the

WHAT OF THE LUTTWAFFET—A levely topic in aviation circles in connection with the investion of Western Europe is the absence of the Lativastic on way press strength II is suggested that the decrease superhyse see hooking to book that is the face exceeding that by that is not be exceeded to the set of the exceeded to the set of t

SECOND PHASE—As the invariant enters for eccode phase, must across in Washington beeque the Lutinosit will begin to make a stronger personnel of the property of the concept of the control of the concept of the control of the con-

LEAVE FOR AIRMEN—Is not possessly known, even among members of the ARP, the the custom under which a flyer goes hame after a stated number of memory will be characted Hausen given is that there would be a complete turnover in the ARP in a sheet period of the goed that the long and expensive turning for piets, becausedness and supersione training for piets, becausedness and surgestees would not



A pair of 8-29 Superintesses duarfug the B-17G Flying Fortress

WALTER KIODE & COMPANY, INC., 140 CEDAR STREET, NEW YORK 6, N. Y.

AVIATION NEWS . June 18, 1844

December W. Press. -

established that the rate of presumed loss then

WACS AND CIVILIANS NEEDED BY AAP

LABOR SURPLUS-In connection with all officers that more than half of the country's problem is not serious recent to rall for clasaffection. WMC officult untel and that a shifteer of selv a part of this wreshy labor would ease the situation in many of the 184 there would remove recent lakes to handle reach of the authorized civilian rendertion.

will loom large in part-war sales

and around the corner, but it wan't do to longh et off. The debenking job has been for the genceal public-beliespiers were getting popular ion fast with too fittle basis in fact. The big factor is the rapid progress made in developing the military version. The heliconter can become from the plane, and will catch up swicker than nearer some commercial uses than most realers

Washington Observer

conversion policy, as recently expressed by a

in obtaining feeder line services. They fall to same of these now or necessity milet training echool computers for the property are releccharter sandes but have been compelled to stress their CAR seculications for tooder line ally most of these will re ahead with feeder feel privately that fixed how correlates will be

DOMESTIC ATRIJNE COMPLAINTS-Some

pended on account of the war, that cours-

not true, the Board, working pervirus, could

AVIATION NEWS . June 19, 1944

#### Details of B-29 Superfortress Revealed with Bombing of Japan

Creation of U. S. Global Air Force, designated the 20th and headed by General Arnold is disclosed or same rimeequipped solely with new gunt Boring planes. By SCOTT HERSIEV

gurding the newest our weapon eral of the AAF is in direct comforce designated the 39th, has its

Gen Arneld commanding genwork in May. Reaction to a flight

Larger Borob Load-It is difficult to write about the B-29 without \$15-Cyfinder Engines -- Engines



Economical the New U. S. Global Air Perce: motors by the War Department for accuracy regions. An overall year of the recently dupliced R-29 Super- The movement new Rooms bomber or governed with AVIATION NEWS . June 18, 1866



Out of the way's testing cushines has

Svikk, Learness designed and thoroughly SAFE,T. SHATE doe, the reast of the "spenier" with confidence, because of their field in their SAFE-T-CHANCE OF



THE REAL PROPERTY AND REAL PROPERTY.

SWITLIK PARACHUTE COMPANY The artification advantage to Victory



AIR TRAINING LEADERS MEET-

The need for a strong governmental are policy as suggested by Earl D. May Gen Jacob E Fieles, AAPTC, Fort Worth and Albert I. Lohauek,

built by Wright Assumptical on the bomber that moves is actaor cobles, with the exception of by each are 18 cylinder, radial velce a maximum hated at \$,600 Il-29's eaperior performance in a hp meerly bytes the 4,000 total

they have more seredynamic refinement than has ever been short takeof performance and open, of the engines This great

Crew of Eleven-Arrament corpropeller tips below the speed of ple gun installations. It carries in deliverous b Nearly All-Electric-The B-29 is the nearest any siralane has cludes a flight engineer. Concetracally operated It has an auxilipressure and incharacter matrus of several thousand workers thereelectric motors of 49 different types Every piece of equipment. Bight instruments and indicating required for any entworsion

devices for landing over, was wheel driftmeter, storage space conducted by the late Edmund T.

#### Budd Cancellation Explained by Navy

The Name asserts the convellaand added that production costs

estage from the armed services was short-durance landing qualities. \$Lanked Service Test-|t was

questly the pdot's unstrument some unspecified war work would board has only the fight, manifold go to Budd to overt appropriests CAB Program May Clear Way For U.S. Lines in World Air Commerce

Board reveals basic draft of plan for establishment of new global lines designed to expand present 80,000 miles of approved routes to approximately 140,000

By MERLIN MICKEE

Describes-The fact that it is get-

mercul traffic and apparently do

hefore it was made makes at CAMb Landing Rights—The action bordered

State Days Informed - Popus se-

h Studied for Post Year. Whether the Bereepenistives of the Aviation State Department impered the



noutes Board fort usek rapported externational when the assouncement was made Left to right closed ther it will hold hearings on overseas applies. Man L. Welch Paque, Marilee Branch, and Josh Lee AVIATION NEWS . June 19, 2944

for the State Beautyment The Board Application - The Board him onsimmental negociations "When rights

b Comman Ashedi-In May, 1942, the

AVIATION CALENDAR

45,000 and 56,000 route males in the

I New York a point in Newfronthand re-tableder - First - First - Sergraphic --Bone - Allies - Core - Face - Sergraphic --



Acrossanter Board press conferences are zero. Last conducted the meeting, is shorre at right or he nomiced questioned the Board on its newly amounted placed persons of present approved renter

AVIATION NEWS . June 18, 1966 AVIATION NEWS . June 18, 1944

Taxinglyo World Route Pattern for U.S. Air Carriers: this year. They cover about \$5,000 miles outborized a-Prince Global Tropile for June 16 Towns - Berney 15 Towns - Development In Pro-Amore

Douglas-Arnold Barkaya Douglas, doughter of and Lout, William Brore Arneld. manding General, AAP, and Mrs. initial - Oct - Grayword - 1. in Santa Monies.

to the roast for the worlding New October-House-Society-Part. with the Court Artiflery

Jet-Power Plane The Received by Navy in the Navy's nir nors are officially

One is a jet-propulation model

Arneld, were married June 10 in ability and armament not found on the guidens of the Douglas borne current models are claused h Backet Takeoffs - The Name of General and Mrs Arnold went experimenting with plane takeoffs designed to help heavily loaded craft get into the air grackly after short takeoffs, an operation especially useful in currier operations

#### Military Progress in Helicopters Presages Early Commercial Models

Phenomenal advancement personnel in desires: Sikonder dessoperates three rotor-powered aircraft new or soon to be in production: two new models corrected by end of year

By WILLIAM G KEY

models—the XR-5 and the XR-6

tian by the end of the year. The

production model of the YR-4. The XR-5 will be bealt by Nanh-

Lunitzg and Grand Repols, Meh. under license from the Sikorsky

be built in quantity at the Sikersky Pavision's Britiscoport, Coan-

YR-4 and the XR-5 The former

of 2,500 mounds, and not weight of

Pratt & Wistony Wasp Jr. engove. Sensity weight is 3,725

4 seats (we side-by-side the XII-, jarger) is one to fee Control resembles that of a gloder, while > Exceeds Expectations-The XX-0 mounting of the engines is openthose of bombers Both have been rapid, and watty greater off-The XR-6 has no empty weight

portation from a Seld 550 by 500 ly 199 m fight; the XR.5 m be-

takes the helicopter out of the ma-

Trends in Helicopter Development

Agradient trends in helicopter woulde of all approach, want would Figure conditions do not more onstrange are habits of the ratary covered, are comparatively flex-12 hours, but he made at The Plats with 1,800 or maps hours

the helicopter. The Belicopter,

Deports are of the oversen that The beloopters for in worther other arrests that would apply to

Significate General Manager Berrard L. Whelep-known for and wide as "Benery" in the palet fraterrity-for petting assembly line started, Schoraky Drymon took Scidmost in Japany, 1963, and

ter models soon to come. Some

New 'Copter Rescue TechniqueDeveloped

ter, both going into military ser-

\* Technique - Demonstrated recently of Wright Field, Davies, countries, coffin-like streamlered

AVIATION NEWS . June 19, 1944

799 T

priots and other personnel from off man was placed on a stretcher, equipped with ear-obanes

> Flying School Wins FLSA Overtime Suit General Court of Aspenis re-

The Georgia Court of Appeals palot school are not covered by the

directed payment of a \$500 face

Directions Pay Asked - Nonrunnia atted Wesley Reserved and J. M. Miller, who hav been re-

ed that airplanes used traveled in-

"White teaching and matrusting

Heads 9th AFSC Bris Gre Meron R Wood has

Plone Firm Stresses Small Port Program Executives "talk up" need for development of leading strips

By SCHOLER BANGS

Not big surports. Just bittle air-

ing strips and the bloc.

h Nevellor Practice... But it 1917. with everyone they meet. Be-

AWAR ZONE PLYING-OWNER. F Good Business-Notably heatant

I All Year Cleb Shy-Southern scree of the West Coast aviation industry but fights shy of being



searn they mucht for in the West

en official exposment station

FOUT OF STARS-Lockheed Au-

the stillty of the corrects acraline coals feel of well be a fitter de-

House OK Expected A SERIOSE D.-MASS - Commissions

#### On CPT Extension

macorny favor measure,

F No Henry Asked-In final testswill require official covitan proces-

added. "when he save that the ACCA Group Urges Broad Program Of Post-War Airport Planning

Committee scales to some building of signardy flightnessy and air harbons and samplification of rules on licensing in move to pave way for expansion of civilian port facilities. By SCOTT HERSHEY

every community on the sir map must have places from which to The committee proposes to in-

milian, discussed the problem at

While perhaps no more than ohine gain and corrysing latest

familiar with the acrelant and any of us in the equation industry can

Presentabilities Charaber Com-

munia in Weshington and added

AAF Releases Data

On New Warplanes funed" There are, of course, Invader, new hight bombard neighle exceptions. Withits cornment craft, a termed amprove-

Production of a new light has been widely used, and known to be a hughly versatile graft. h Guick Action Nandada-That there Arrocetra The set-propolicion mercial transports is marrly tom- rop P-61 Block Widow night fightover 25,000 peereds armed with

AVIATION NEWS . Just 18, 1944

#### FEDERAL DIGIST

Petroleum Output,

The time 'is not opportune Needs at New High for 11,000 places backing tran-By MARY PAULINE PERRY

Requirements and production of interfering with retraining or coupling employers in likely collective terms of the party and party completion colors for the day.

I belong Plant Easy understand remains of contraining with faces of the day. efficient production of the aviation-Administrator Relph K. Device

Against Merger

At the same time, PAW posited significancia approximation Libbs meany mis-portuni and misportuni and misportuni di mem-lecting chines with provents for a delate provid medica post in 1 without solds mean-emant of the control of the control of the original and the control of the control of all means and within all one control of misportuni and the control of the control original and the control of the control of means of the control of the management of the control of the control management of the control of the control of the management of the control of the control of the position of the control of the control of the position of the control of the control of the position of the control of the control of the position of the control of the control of the position of the control of the control of the control of the position of the control of the position of the control of the c b War Production Board now percuive any alloy steel tobug, other than auframe and engine types,

#### A Barran of Stockeding and Termination Bill Transcription within WPB his Reported in House

note of the Office of the Director, Affairs Committee last week dif-

milter and director of the PMC changes in military production The May bill appears to be so drawn that contraversal provience without complete revision of the two bills, and a bilter coutest

replace of the state of the sta

#### Lee Streamlines ACCA for Action

groups and escablishes Service

FTwo Queendor Greene--The two main operating greens of the department, industrial research

As part of the new service ench other and in some instances duriboated effort. Present plana. Department and the Traffic Depart-George-Marray bill in other per- ment, both of which have effec-Francis Report-Lot and Eu-

ers given Warren under the House make a progress report this work. >Space by Byrnes-Action of ber's preprince. A similar report. reporting out the bill followed by will be made to the Western soy-

#### PRIVATE FLYING

#### New Lightplane Specifications

Worked Out by Artillery Officers Trend in design follows plans developed by several builders to offer simplified, spin-proof models on post-war civilian market: make use of ligiton plane experience in war

#### By BLAINE STUBBLEFIELD

Artiflery ar observation is good, demenstration during the Louisibest be accomplished by the use of service in November, 1942 taking

A.Pret Sate Service-Madale T.-1

Grasshopper Gets Bendy to Hogi U. S. Array Armilery ground crea-

Post-War Training

pre-mining fight bringing

ing to official statement

stallations, leaves them lettle time I Slow and Safe-So the Artiflety

prove on that, with fugo or any \$ No Real Restriction-OPA pu-

complished as similar restricted the fuel through "R" occurrent But Presiden Landings-Losison pi- one could not as many of the caplets' training consists of, in eddi- pour as he asked for take-offs, burrier take-offs, fortake-offs, take-offs into clumbing turns, centeer folias drepring



or CAA will handle allocation of 73-occure simpline feel, Decade Nelson, of the War Pro- and over-all authority. It will my the Office of Price Administration jump the traces, especially to rawill advantage the ration, or whether nutbanty will be trues- low the precedent. Charryers considered the atti-

Charles I Stanton, CAA ad- ably the Petroleum Adequatestor renestrator, recently wrete to Mr. having much harmy neablers on

Notion requesting the transfer his mand, does not once every who.

effect this change by amending the group to non-substitled fairer



Piner Jeen Takes Off. Photo shours ortifiers for observer talong of

#### Preference Rating Order P-47 Amended

Airplane maintenance and sunas this was written frem OPA, work and are put on CMP's ourslearn Administrator for War. He strongy had beard from William Commerce, resterating Mr. from WPD on form WP9s-1347, or in effect carried the weight of a

> All other operators-private, July 1, will obtain parts and materemonal WPB offices, with matrice-FArmended-P-47 is so amended sireorts and buildings thereon. If than \$300 of materials or counment. the corner simply certifies

under WPS Order B 47 74 Oct from OPA to CAA. Nelson could measures out the mite of gas he gional affee of WPB for a special AVIATION NEWS . June 10, 1044



#### Interchangeability keeps 'em flying

Veit construction and interchanguability halped not many a needed fighter back in the or conin in the early tapels and on does at Henderson Field.

Emergency change of dreseged blades, frequently found necessary in the midst of bottle, In typical of the guide replacement possible through the Carties Electric's unit construction.



#### Quick change Artist Breeze Multiple Electrical Connectors Save

Time in Servicing and Maintenance

Speed of everband and evoluteproblem making it possible to consuits instantly and compliancement Produced in quantity to letter A-N





#### THE AIR WAR

COMMENTARY

#### Role of Aviation in Invasion Focuses Spotlight on Air Leaders

Eisenhower's deputy, Air Chief Marshal Sir Arthur Tedder, called "The Chief" by Americans as well as British, expected to go down in history as this war's consumiting rational

of the air leaders seem to be in 2d Taction Air Force (TAF) and AEAF is Max Gen. Bort S Ven-

"Jimmy" Doolilile, Mai Ger "Fred" Anderson and May Ges Bugh Knerr in England, and Liggt Gen Ira Baker and May-Anglo-American Air Team-Lil-

deputy and overall air comman-

pert in the use of six power to cooperation with ground troops Leigh-Mollory played an impur-



General Monteymery is com-Freeze. The leatons officer between

b TAF Principles in 1995-Much of

bombing, of dropping fully arresd

Mitchell (See Don Levine's

# \$90,000,000 BABY\_

# "Flying Horsepower"



Represents World's Lorgest Catalytic Cracking Program...14 Huge Secony-Versum Refining Units Produce **Einest Avietion Gazeline** 

VINETY-MELION-DOLLAR BARY is right? Thing Because on a county-million-dollar investment in referent facilities and environment to weekers have stock has

This commercials the streamed Catalytan Counting Processes New carry days at "Flyant Happenson" in consumer perclands and some of U.S. wardones. But when Victory is ween this some event last power will be remishin for

ACCOMY VACUUM OIL COMPANY, INC.

FOR **AMERICAN** WARPLANES TODAY ... Tadey, "Flying Herrepower,"



COMMERCIAL FLYING TOMORROW -After Victory, thee extra final

FOR

Mobiloil New Mobileil to Match It . . .

Get the Facts about Mobilgus—Mobiloil Aero Mobilgas



BOCKET-FIRING AIRCRAFT:

eacht sweether in solon. Photo obone shows projectiles out after thru



mand, First Air Force, Mischel The TAP also has its Bomber Com-

Field, under Gen Ralph Royce. mand, headed by 36-year-old

Minhell Power of Air Power, is under Brig Gen. Otto Poul the investor of Europe h New Leaderson's new develops, rooter of his Support in the Menddreate unit of the Tortical Air, office of the Aust. Chief of Air. Force set up to operate with each Staff, Operations. Commitments who had measured been a Wine and other hattle electrons

It was Sens Anderson, who with Command last summer before it der Wine in fast medium ellifude sworps which have same been a

Tr's sust the beginning of ceelingman Air Porce," General Ander-Harons, the A-20G splid-nose atturk sympton and the A-201 harts

b Other TAF Commands-The immand, which must sail miredier R Wood: the Trees Carner Cam-Paul L. Williams and the Air Deis under Brit Gen. William L.

make up the AEAF, spearhead of

Zens Well. Jr. has retirated as substy

brings with him



Cleveland The percention with

Horard Field, asceraft engineer, has

PERSONNEL

serred He has a hashground of 19

besieves gince 1929 and recently

Liest Col. Direct K. Munts, who

DAT-Meddan, forerunner of TWA



ing affiner, North Marine Aircraft

John Seers, Jr., voteron Weshinston Det L. Urquhart, formerly supervisor that was widely-lenows as a Wash-

> slammers die cutings pressure George W. Gerrie has been appoint-

of the division and J J Williams to

After leaving Donetas, Colored Mer., 1989.

AVIATION NEWS . June 13, 1096



Richard S. Honstel (photo), service Washington office of Curios-Wright large airbres and in 1835 was ac-

Hall L. Hilbert, vice-countret and G. 5- Bidgon, former plant engineer of Lockbood Agreent Outp's For-

Vers Merroy (photo) is the first



Arthur J. Breeds, a mamber of the

Comb. John J. Kish has been de-

Perces, succeeding Bay Gos Gless O.

Marrie Whelesh has been marred

John B. Thomson has been elected promised of Terrory, Thomson Corn.

nest, his been in the accounted

Curt Beanex W. World has relieved

City. The cor-

star Asconstant Care Wilson

Central Arrives, has become promo-tion director of WISS redro states Van Adoled Mary A. Muscher, White ecefymed on May 25, has been Tream-Supan Islands He was awarded the New Cross between he trans-atlantic flight in May, 1919. In addition, Advarral Metacher was

SET NORTHERN RECORD ed for Lines' relat has established

5 A Nucl. executive constant to Robok Bed, firector of sixoraft produrfine for Canada, died June 1 in fered in a street cur norskut. He

in the World War, and has been with

H & Seven fermerly Mitwrakes du- air section during the early stages AVIATION NEWS . June 19, 1944 A TOAST TO THE ACES WHO NEVER FIRE A SHOT



173 Times Around the World Without a Fatal Accident!

> SAFETY for Army pilots during primary and basic training has been achieved to a remarkable degree in all the Civilian Contract Flying Schools. One large school has not bad a fatal accident in nearly three years. Averaging the entire program, the secident rate is so low that 173 trips around the world would not produce a single fatality. That calls for congratulations.

Shell is received to have had a part in this atlended record through the noble was of Shell projection totaline and Shell Independents in algang



# R-301 corrosion-

# that is STRONG, RESISTANT, WORKABLE



PEANE DESIGNEES wanted a higher strongth abstractor alloy for increased performance. Aircraft aboreton wanted an to reduce production time. Users of sizers fr wanted an abarricon allow with small corresion retistance, to withstand very repossible Reveolds' Mersillargists, reading these

nords, created Respit R-301 is a bird-strongth alsonimum allow overinterruly handed with a carrogram restricts The core and childing allow respond to the same hast treatment - coulding to a final prod-

stable and more workship than any other high-

R-101 is higher produced in three tempers marble for a wide range of applications. Inquiries are levized. Reynolds Metals Co., Alaminan and Pares Div., Louisville, Ky.

(U)per riple) Heavy, bending polit, forming an

(Lower efehr) R-501 drills and roots to share securate contrar. The hard surface cladding as-





REYNOLDS ALUMINUM

#### AIRCRAFT PRODUCTION

#### NAWPC Drafts Plans for Placing Veterans in Aviation Industry Jobs

Program is designed to relieve shortages of men with specialited training and at same time help in rehabilitating discharged service men.

the sircraft industry is being in-Was Padurties Council Don Wab-

\$ 2,000 Veterans Someht-With many of their enrincers taken by Service, the NAWPC concram is

the Noor Marines the Derivet

Programma/The correcc solution

gineering committee of the East Court Council. Both groups met

and the adventume of the avine. Water has suggested to surred tice industry is now in prepara- plants that they aid velerans by time and is expected to be turned offering the services of a full-firm The NAWPC expects to pent matters now being set up over the



playment through the NAWPC

AWPC SAFETY COMMITTEE MEETS

Pacific Loads, survey component are because on several plants, survey, Despite, L. A. Martin, chaif the number of accidents and loss of production mann-adjet; engineer, River, J. F. Hotton, chaif safety exnower in West Coast factories. Members of the industricl asjety panel of the Aircraft War Production Council. West Coast, are pictured as they rust recently to enchange newest safety ideas developed us.

Paryle Coast average companies are matching the use, safety engineer, Northrop; Waltam S. Rhoder, gracer, Lockheed; R. B. Carter, chief sofety expe-

AVIATION NEWS . June 18, 1966

to organize community resources

aret to the NAWPC officer in

#### Bendix Helicopter Company Formed

Firm, not officed with exterior models under way

cent Bendix, who occurred an Inc. is 1943 to take over the des too speed of 120 mah; a 10-

ton suries of 1,200 hp. Details-Benfix filteland demodel which include: crusting mum) 460 feet a svirute, endurance at 75 percent power 3 25 hours, engine speed 2,100 rpen. and useful load 638 pounds

345 mpb., rotor diameter 32 feet Flash Weldler-Assembly of the several parts is accomplished by Finderick K. Buderin, president, Mann Thomat Cr., Jan., New York, Grander, Urland Hard Streighers Cree, Entere diversity, Sales, Sy Con Beeling & Unybing Cr., Ind., Now Tools, Greeker yillings, Parint For Energane Comm. J. Serven Strategy, Street Street, Grand J. Serven Strategy, Street Street, Str., Street Street, Straight Mannaton, Creek, St., Street, St., Str., Str., Str., St., Str., fish weiting. The tip is marufactured of two pieces, the tip body and lip and The tip body is

AVIATION NEWS . June 16, 1944



New SMITHWAY Propeller, Street components of the SMITHWAY ration for amenable. Below is the finished blade assembled entereds by

Line Screen, San epoper, Some Wolson & Cleany, Los. Change.
Entert J. Sanderman, Struttman & Sayre, In Superior Supering Rence Co. Rudgeport

#### Flash Welding Used On A.O.Smith Props em employed in joining mojor

The shank is made of seaming. utilious resorting to content man

100,000th Motor The 100,000th amount high-precuson electric control energy has come of the You at Excelor Vacuam Cleaner Co., in Detroit, duction facilities have been en-

gaged for the post two years in making electric central maters for borshers and fighting planes, may masks, discount discharges and other equipment for the armed

to size, shape end centour, and Directly after the flesh welding to obtain proper manu-piructure to obtain specified physical prop-

Other Operations - Circum. machining, grading, threading surfable base for wax or paint applications, into the blade go



More than 1000 "Cornell" trainers in the first twelve months of production . . . and more than 1600 to date-such is the remarkshle production record Fleet Aircraft, Limited has achieved in the manufacture of the plane that has been adopted as the standand primary trainer of the United Nations. Pre-war experience, modern plant facilities, and a determination to meet the

demands of war . . . these are a few of the coatributing factors that have made Fleet Aircraft, Limited a leader in the Tomorrow, the same experience, skill

and practical knowledge which has enabled Floor Aircraft, Limited to meet the challenge of war will be evallable to serve the assistion needs of a world or name.



AVIATION NEWS . June 18, 1946 AVIATION NEWS . June 19, 1944

#### NACA Tunnel Tests 80-Foot Planes

deducated recently at Madicti 5 999 hp Westpateure motors \* Results-Rear Admiral Erpest F.

late Dr. Sonenh S. Ames, Springer Dedication-Dr Jerome C Hun-

smaller wind tunnels in whom place tests determined, large-scale models of the biggest planes our

Field, formerly largest in the



Inside Modett Field Wood Toront: This straking whote shows the gar one end of the new turnel Total opposited by a pair of hydrau-

Depressed by Bellion-Despite the is accomplished incredy by press- materially recorded. The plant



world, winch could be pinced in orestory, Maffect Field, Calif



TOP CANADIAN AIRCRAFT PRODUCTION MEN-

#### New Grumman F7F Is in Production

Grussensch nam PTT-tudo-exstricted. The company has been

FOres Sales Double 1942-Based on dollar volume of gross sales. gross sales last year totaling \$275 .-931 in 1942 and only \$21,858,681

in 1941 and \$5,811,285 in 1940



service than the \$90 hours expect-3 35 Percent Beach 200 Bours-Of the 254 custom checked in the pe-

the 900-hour mark, the lazat

AAF to operate The 600-hour

MITCHELL ASSEMBLY LINE

FINANCIAL

#### Higher Operating Costs Offset

15% Rise in Airline Revenues Income for first half of 1964 expected to exceed \$66 million. reflecting increase in planes and new traffic records set for

ations for the ris months ending June 30, 1944, compared with the of 1944 are expected to exceed \$55 Domestie Alekses Earnings

> & Dune, Inc. Filected Birector - Abbott was

and plant protection

planes in demostic service should enable the damentic operators to chalk up new truffic recercs for Napres Print Mar 112 Jacobs Aircraft 128 3 million in the first six meetles. Remorts. Sales. FRevenues-Such traffic would

produce passenger revenues of \$48.2 million, a rabstential increase over the \$39.5 million re-

1942 persod than the first half of 1943, due to \$4.065,000 as compared with \$4.

as against \$1.611.000 in the first

AVIATION NEWS . June 15, 1864

negrata, field service, and adver-Not needs before federal and an "other expense" item of \$234,-

Bendix Reveals GM Owns 18.9% of Stock

Jacobs Aircraft Engine Co paid its president, C. J. Abbott, \$33,139 in subry in 1943. In addition, Ab-Noteing, Kent, Withort & Co. he relations counsel, \$45,689 Canris. 2nd. chairman, received \$30. sol. \$42,475, General Monous Insti-Donald F Turner, vare-presern nov. Marking & Sells, madriars. dept. was used \$25,000 and an ad-\$35,000. Hughes, Hubbard & Swing, legal counsel, \$127,423.

yeart J. D. Martin Machine Co., tool designers, \$37,583, Modern page for managerial and engineersigners, \$61,269, and George Wittbold, lac, consuling engineer. The company's consolidated and its subsidiaries for 1944 Country showed sales of \$65.-915.522, but refunded \$5.000.000 nime income of \$915,753,464, less

to the U S Army Air Ferons retroactive price refunds of \$56 --243,230. Cost of roods sold was ing a gross profit on sales of \$9.-Decration-After deducting \$1. Dearmings-Gross moome, after 602.624 for admirastrative, earn- deductive \$20,250,844 for selling.

#### DECREASE IN PATES FOR TYPICAL AIR EXPRESS SHIPMENTS \$6.80 \$4.20 E ....



RATE CHART:

Financial Reports recome before province for federal - N Control States Plywood Corp. de-The eventuar's bell for federal \$1.15 a share on oreferred. The

Cessna Stock Issue Cesses Aircraft Co stockhald- its demestic subudies as proposed therwed eightal stock from 500,000 after a reverse of \$12,966,000 for

statement, from articles of vacor- other costs griupy out of the war-P.A. O. Smith Corp. and whether

#### Glenn L. Marrin

Files SEC Report

Profit and Loss-Green rates to-

HBriggs Monafacturing Co. and profits to \$71,924,727

tax of \$5.652,000, net opened by 1842 was \$16,312,026

#### TRANSPORT

#### Northeast, Eastern Applications

For N.Y.-Boston Route Approved CAB decision establishes parallel competition with American and pennins TWA and United Air Lines to enter Boston from Pirrshursh and Cleveland respectively IN DANIEL S. WENTZ III

right to air traffic between New burgh to Boston via Williamseert. The case reaffirms, in effect, the

Specifically, the documen on the crative New York-Boston truffic. United Air Lines over a new route. North-South California case. This \$ Besteletless-The decines, prodocurrer states that "since compe- vides that Northeast shall not serve

b Womer Discounts-127 the tech-Vice-Charmon Edward Warner

Dectrine of Presumption At- craft. Unsted's operations, as tacked-Board Members Harlier presently established will require



GREAT LAKES/FLORIDA HEARING OPENS:



UNITED INSTALLS LOADERS:

Clearup of the 4,500-pound cargo elegator being used by United Air Co., of Bassle Creek, Much, the lift is a hydraulic houst schick elerator South by rad and bus often are a fork cradle 12 feet. Powered by a 4-cylinder pay engine, the machine Morrison Leads Off-American

the intermediate points of Worces- ried the provise that service over on the some fights on New Hedford-Fall Royer, Mass Eastern is prevented from serving Borion on any flights except those which originate or terminate Carry Vital Cargo

Two Applications Desired-Ap- planes of the Air Transport Com-Boston were densed Likewise dgujed were Amerifor the extension of AM 1 to Bor-

Returning Planes

During the first quarter of 1944, correctors, carried \$220 tons of

a Detroi-Magai route winth

would have the effect, if granted,

of establishing a competitive al-

proposal would have an adverse roan, presenting evidence to preve announced policy, the decision cur- > Vital Materials--Priorities for

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nation on machine tools, assembly fines, impertion beaches and drafting boards. To gauge these record and transcrutive Depart represented distribunor Marcald like this 16-more descriptive booklet, ask for Booklet "N"; we'll send it promotiv. Dator Manufacturian Co., 4471 Diness Ave., St. Louis 10, Mo.



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care. This will except here'll our arraices to commercial and



Delta proposes to extend its Research conducted by domestic airlines to disclose notintial business in shiftments now curried by other transport mesos

#### 10-Yr. Port Program Urged by Randolph construction projects

pulitie hadres at the rate of \$199 a

\* Expansion - Bandolph expects embracing appeards of 10,000 air-

#### Air Cargo Study Will Forecast

#### Big Future in Door-to-Door Service

States describe alrines should by Gissberg and a staff of sanutrents in a nature-wide survey by of sourcementaly 360 West Coast Board Issues Ruling

#### On Mayflower Plan

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Renair docks are at each end, with offices and stock rooms in the maddle AVIATION NEWS . June 18, 1864





and bank-load of the conscr-parking Attabells are saving the Peer of American soldiers.

#### North American Aviation Sets the Pace

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AVIATION NEWS . Jene 18, 1944

nience and promity as if they Asted prices is inconsistent with

Dispensarianate - The Board

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evidence of the transaction to the

#### World Aviation Radio Problems Discussed in Informal Sessions U. S., British and Canadian officials study technical problems

mediminary to formal conference to be held later; monopole of Britain's "chosen instrument" vs. competition on foreign

States and British officeds have The lalles, which ended about

British delegation-W. A. Dureus.

For Some time Cable & Wareles

affile challenge to its dominance A PPCC for Merces-Before the war. Sentern because it appeared the Competition was so great Cable & cutions from other internitional first against another. Hence, the down. Those discussions accom- son has asked Congress to author-Blegon in February-How much the only way international article thus factor entered into the talks radio could be litted into the world just concluded is not known. These communications pattern would be

last February with an Empire pan- die all of it

The U. S. was advased of the was saked to enter into bilateral Thomas B. Bourne, Director of

niment completely technical and tenor of the meetings was much Monoraly-The use of radio or

strument," is one of the world's monopoly vs. competition on fartions throughout the world, giving own communications. Should sev-

#### Rails Not Worried Over Air Freighters

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Shippers' Guide

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Airlines Facing Personnel Problem

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With official sensystement that the Army will concel all Au Teaspert Comment desentle contracts with the arrives by the end of the year, the personnel problem becomes a prime occusionation for

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Taxi Men See Clear Field For "Helicabs" Bayes of tooleds applicate for post-wer heliosper certificates from the Great Aeronauties Board have not been dangement by the threat of coppetition of this feld tourist the season of the contrained are tourished to the contrained are

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Wavel Boses, 15 Graham Road . Bulland Retain, Fort, Bombar AVIATION NEWS . June 16, 1986

#### Jane 18, Date for real assumed to the Mon-

TWA Application

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Action on Foreign Routes THE HISTORY-MAKING PRESS CONTERENCE last week. Thy the members of the Cred Accordance Board

importance and constitutes of the Board and in-

#### Sound Basis for Legislation

CONTIFICING COOPERATION of industrial, state and

other government air apprice, with the U.S. ea. cause private enterprise, or either. State should mentioned by public funds. Federal appriance pacent to ports should be accomplished through exercise of state's right of emment domain and

Safety Regulations Aircraft and airmin comstate aviation codes to permit cooperation of state the right to make and enforce such safety regula-

EDITORIAL ......

Jenneroe: State should have the power to con-

Numbers of affiliates of the committee are the tional Association of State Aviation Officials, Airtames and Joseph Geuting, charman of the Persoral Averaft Council, promised a paintakene

#### AOPA's Service

This quarty efficient Aircraft Owners and Prchorman, Lescence Sharples, and M. A. Shryock executive side, maintains e juithful watch on aviation groups, and interpreting the relevant

At the moment, AOPA is engaged in a campaign

avoid and have no official notice of relocation of It is important the ACDA case that the sense of non-scheduled pilots be kept free and independent. It believes its membership of 10,500

its single sum of serving that group-ROBERT H WOOD AVIATION NEWS . June 18, 1866

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